

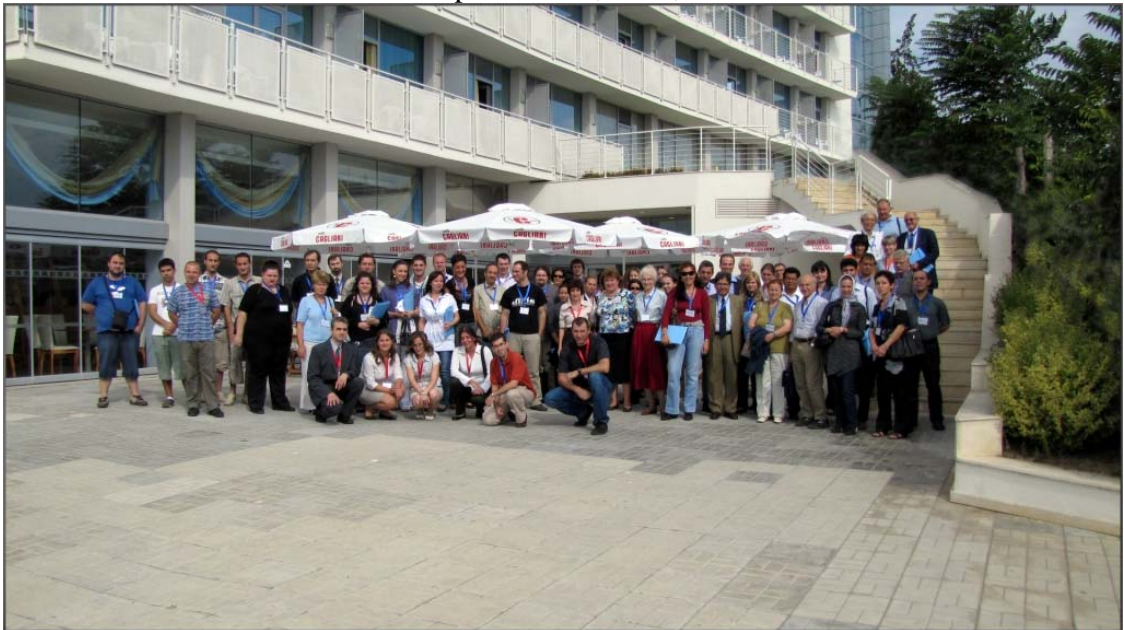
**Post-conference report
(Photo album)**

16th International School on Quantum Electronics (16th ISQE)
“Laser physics and applications”
20-24 September 2010, Nessebar, Bulgaria

Common Picture – September 20, 2010, Black Sea



Common Picture – September 20, 2010, Marina Palace Hotel



Opening ceremony:



The first day of the ISQE began with welcoming speeches by the organizers and welcoming remarks were presented by the head of the scientific council of Institute of Electronics - Bulgarian Academy of Sciences Prof. P. Atanasov and OSA representative Prof. S. Mayor. At the ISQE - opening Prof. A. Serafetinidis from NTUA, Greece was awarded with an honorary diploma for his long year outstanding financial support of the school.

Best Student Poster Award:

Awardees announcement on the official dinner September 22, 2010



Award bestowed September 24, 2010

Prof. Shane Mayor – OSA representative

Prof. Al. Serafetinides - SPIE



Best Poster Awards – Common Picture – September 24, 2010



From left to right:

Prof. Shane Mayor – OSA Representative;

OSA awards: 1st place Mr. Luca Marmugi, 2nd place Mr. Nikolay Dimitrov;

SPIE awards 1st place Ms. Danjiela Miletic, 3rd place (shared) Mr. Ahmad Khayat Jafari, 3rd place (shared) Ms. Aneliya Dakova, 2nd place Ms. Domna Kotsifaki;

Prof. Alexandros Serafetinides – SPIE

ORAL PRESENTATIONS



Mr. Luca Marmugi

University of Pisa, INO-CNR, via di Pratale 28/a,
56127, Pisa – ITALY

NON-THERMAL STABILIZATION OF LARGE
SODIUM VAPOUR DENSITIES,

*A. Bogi, C. Marinelli, A. Burchianti, E. Mariotti,
L. Moi, S. Gozzini, L. Marmugi, A. Lucchesini ...*

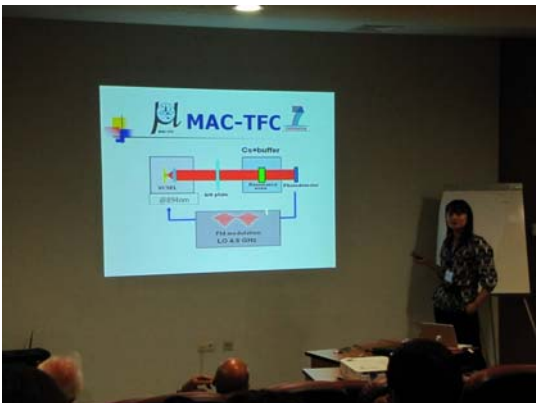


Mr. Boban Zarkov

Institute of Physics, Belgrade, SERBIA

A LASER SYSTEM FOR CONSTRUCTION DOT
MATRIX HOLOGRAMS,

B. Zarkov, D. Pantelić ...

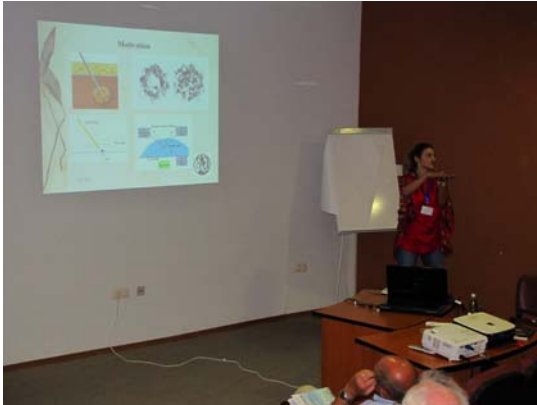


Ms. Danjela Miletic

Laboratoire Temps-Fréquence (LTF), Université de
Neuchâtel, SWITZERLAND

SPECTROSCOPY OF MICRO-FABRICATED Cs
VAPOURS CELLS FOR MINIATURE ATOMIC
CLOCKS,

D. Miletic, C. Affolderbach and G. Mileti



Ms. Domna Kotsifaki

National Technical University of Athens, Zografou Campus, Athens, GREECE

FIBER END SEALING CAP FOR Er:YAG LASER ABLATION,

D. Kotsifaki, A. Clark, A. Serafetinides, M. Makropoulou ...



Ms. Aneliya Dakova

Faculty of Physics, University of Plovdiv "Paisii Hilendarski", 24 Tsar Asen Str., 4000 Plovdiv, BULGARIA

NONLINEAR REGIME OF PROPAGATION OF THREE-DIMENSIONAL OPTICAL PULSES WITH LARGE SPECTRAL BANDWIDTH,

D. Dakova, A. Dakova ...



Mr. Ahmad Khayat Jafari

Technical and Engineering Faculty of Bonab, End of Velayat Highway, Bonab 55517, IRAN

DIODE EDGE-PUMPED Yb:YAG DISK LASER,

A. Khayat Jafari, H. Aminpour, J. Rafiee, J. Sabbaghzadeh, and I. Mashayekhi Asl

Award Celebration Champagne– September 24, 2010



INVITED LECTURERS



Prof. Shane Mayor

Dept. of Physics, California State University Chico,
USA

"Raman-shifted Eye-safe Aerosol Lidar (REAL)"



Prof. Pradip Ghosh

Jadavpur University, Kolkata, INDIA

"Coherent Laser Spectroscopy of Rubidium Atom"



Prof. David Sarkisyan

Laser Spectroscopy Laboratory, Institute for Physical
Research, Armenian Academy of Science,
ARMENIA

"Laser Spectroscopy with Nanometric Cells
Containing Atomic Vapor of Metal: Influence of
Buffer Gas"



Prof. Emilio Mariotti

Department of Physics - University of Siena, ITALY

"Atomic sources controlled by light: main features and applications"



Prof. Kenzo Miyazaki

Advanced Laser Research Section, Institute of Advanced Energy, Kyoto University, Gokasho, Uji, Kyoto 611-0011, JAPAN

"Ultrafast Dynamics in Strong-Field Interactions with Molecules and Solid Surfaces: High- Harmonic Generation and Nanostructuring"

AUTHORS: Kenzo MIYAZAKI, Godai MIYAJI, and Kazumichi YOSHII



Prof. Miroslav Jelinek

INSTITUTE OF PHYSICS, Academy of Sciences of Czech Republic, CZECH REPUBLIC

"Laser deposition of TiO₂ for urethral cathether"



Prof. Christos Flytzanis

Laboratoire Pierre Aigrain, Ecole Normale Supérieure, Paris, FRANCE

"Nanophononics : a nonlinear battleground par excellence"



Prof. Vladimir Serkin

Benemérita Universidad Autónoma de Puebla,
MEXICO

"3D soliton-like bullets in nonlinear optics and Bose-Einstein condensates"



Dr John Travers

Physics Department, Imperial College, Prince Consort
Road, London, UNITED KINGDOM

"Soliton dynamics in supercontinuum generation"



Prof. Ady Arie

Department of Electrical Engineering and Physical
Electronics Tel Aviv University, ISRAEL

"Functional Nonlinear Photonic Crystals"



Prof. Henricus Sterenberg

Erasmus Medical Center, THE NETHERLANDS,
Centrum voor Optische Diagnostiek en Therapie
Afdeling Radiotherapie, Rotterdam,
THE NETHERLANDS

"Photodynamic therapy; background, clinical
applications and new developments"



Dr. Martin J. Leahy

DPhil (Oxon) CPhys MInstP FRAMI, Department of Physics, University of Limerick, IRELAND

"Optical biopsy for structure, function and biochemistry - a continuing challenge"



Prof. Alexandros Serafetinidis

National Technical University of Athens (NTUA), Applied Physics Department, Lasers & Applications Group, Heron Polytechniou 9, 15780 Zografou, GREECE

"Laser ablation and high precision patterning of biomaterials and intraocular lenses"



Dr. Stoyan Tanev

Department of Industrial and Civil Engineering, University of Southern Denmark, Niels Bohrs Alle 1, DK-5230 Odense M, Office A 203-A, DENMARK

"Advances in Photonics Design and Modeling for Nano- and Biophotonics Applications"



Prof. Peter Townsend

Pevensey Building, University of Sussex, Brighton BN1 9QH, UNITED KINGDOM

"Will anyone remember us? - Thoughts on information loss caused by progress"



Dr. Ute Neugebauer

Institute of Photonic Technology, Jena, GERMANY

"Raman spectroscopy a prospective tool in life sciences"



Prof. Brana Jelenkovic

Institute of Physics, Belgrade, SERBIA

"Raman-Ramsey spectroscopy in a rubidium vapor cell"

INDUSTRIAL PRESENTATIONS



Dr. Julien Vigroux

Thorlabs GmbH



Dr. Jan Schäfer

Toptica Photonics AG.



Dr. Nikolay Georgiev

ASTEL Ltd.



Dr. Plamen Jankov

Coherent Ltd.

SCIENTIFIC EXHIBITION



Topica Photonics AG, Germany



Thorlabs GmbH, Germany

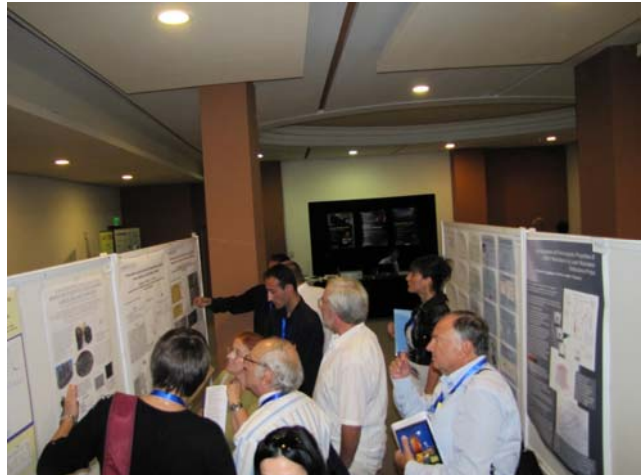
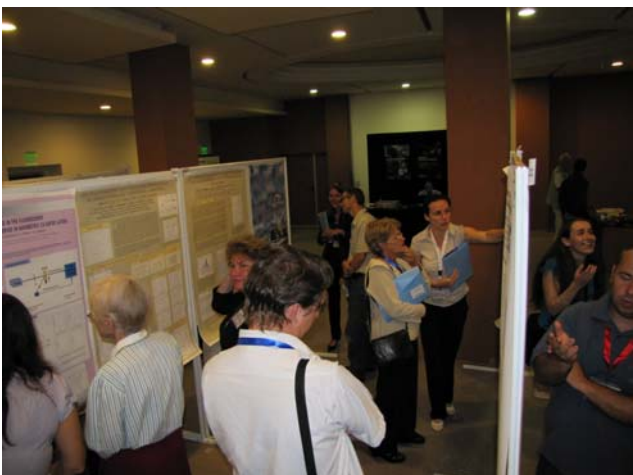
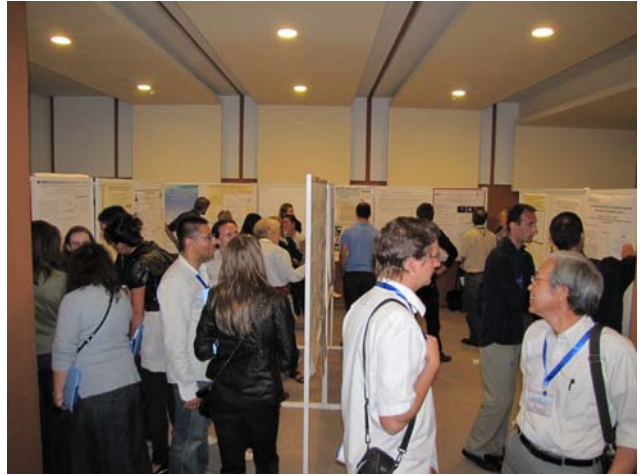


Stands of *Edinburgh instruments Ltd., Coherent Ltd., ASTEL Ltd.*



More pictures from the Scientific Exhibition

POSTER SESSIONS



WELCOME COCKTAIL



Welcome



Prof. P.N.Ghosh, Prof. Shane Mayor,
Prof. Ady Arie, Prof. Tanja Dreishuh



Prof. Serafetinides and
Prof. D. Sarkisyan



Discussions



OFFICIAL DINNER



National dances and party time

CONFERENCE EXCURSION



The CONFERENCE HOTEL



Marina Palace Hotel in Nessebar, Bulgaria



Evening view from the conference hotel, September 22, 2010